

WHAT IS CLAIMED IS:

1. A log analyzing method for analyzing log information outputted when a program is executed by a computer, comprising:

a step for acquiring log information outputted when a program is executed to thereby read the acquired log information;

a step for accepting a user designation condition indicative of log information which is extracted;

a step for extracting information from the log information based upon said accepted user designation condition, and for judging as to whether or not each of operations while the program is executed can satisfy an initial condition thereof so as to analyze a cause of an error occurred while the program is executed; and

a step for providing a result of said error cause analysis to a user.

2. A log analyzing method as claimed in claim 1, further comprising:

a step for comparing the analysis result of the log information with an improvement rule which indicates an improving method of the program when the error happens to occur, and for providing such an improvement rule used to improve the error, which is provided based on the analysis result of said log information.

3. A log analyzing method as claimed in claim 1, further comprising:

a step in which when said program is corrected in accordance with said provided improving measure and thus, a shortage/excess is produced in a content of the related operation, a warning notice capable of solving said shortened/excessive operation content is provided.

4. A log analyzing apparatus for analyzing log information outputted when a program is executed by a computer, comprising:

a log acquiring/reading process unit for acquiring log information outputted when a program is executed to thereby read the acquired log information;

a user designation condition accepting process unit for accepting a user designation condition indicative of log information which is extracted;

a log analyzing process unit for extracting information from the log information based upon said accepted user designation condition, and for judging as to whether or not each of operations while the program is executed can satisfy an initial condition thereof so as to analyze a cause of an error occurred while the program is executed; and

a log analysis result providing process unit for providing said analysis result to a user.

5. In a computer readable recording medium for recording thereon a program by which a computer

functions as a log analyzing apparatus capable of analyzing log information outputted when the program is executed by the computer, said computer readable recording medium is comprised of:

a log acquiring/reading process step for acquiring log information outputted when a program is executed to thereby read the acquired log information;

a user designation condition accepting process step for accepting a user designation condition indicative of log information which is extracted;

a log analyzing process step for extracting information from the log information based upon said accepted user designation condition, and for judging as to whether or not each of operations while the program is executed can satisfy an initial condition thereof so as to analyze a cause of an error occurred while the program is executed; and

a log analysis result providing process step for providing said analysis result to a user.